

MARINE ECOLOGY

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Inter-Research

1992

Editorial Advisors

Editorial Advisors to Marine Ecology Progress Series are appointed for a four-year period. They are expected to:

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- suggest topics and authors for reviews
- select and present suitable high-quality manuscripts
- draw attention to new facts, concepts and methods

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ENVIRONMENTAL FACTORS

Alderdice, D., Dr

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Responses to environmental factors

Collos, Y., Dr

Laboratoire d'Hydrobiologie, Université de Montpellier CC 093, F-34095 Montpellier Cedex 5, France

Nitrogen metabolism of phytoplankton

Dring, M. J., Dr

Botany Dept, The Queen's Univ. of Belfast, Belfast BT7 1NN, Northern Ireland

Physiological ecology of algae

Fisher, N. S., Dr

Marine Sciences Research Center, State Univ. of New York, Stony Brook, NY 11794-5000, USA

Physiological ecology of phytoplankton

Fowler, S. W., Dr

IAEA, ILMR, Stade Louis II, Entrée C-19, Ave des Castellans, MC-98000 Monaco

Trace element metabolism

Haedrich, R. L., Prof.

Memorial University of Newfoundland, St. John's, Nfld., Canada A1B 3X9

Environmental effects on fishes (incl. deep sea)

Kasyanov, V., Dr

Institute of Marine Biology, Academy of Sciences, Vladivostok 690032, USSR

Environmental effects on invertebrates; reproduction, development

Kjørboe, T., Dr

Danish Institute for Fisheries and Marine Res., Charlottenlund Castle, DK-2920 Charlottenlund, Denmark

Physiological ecology of zooplankton, including fishes (esp. larvae)

Lawrence, J. M., Prof.

Dept of Biology, Univ. of South Florida, Tampa, FL 33620, USA

Physiological ecology of invertebrates

Luoma, S. N., Dr

US Dept of the Interior, Geological Survey, Water Resources Div., 345 Middlefield Rd, Menlo Park, CA 94025, USA

Geochemical and biological factors affecting biochemical processes in invertebrates; contaminant effects on bioavailability

McLusky, D. S., Dr

Dept of Biological Sciences, Univ. Stirling, Stirling FK9 4LA, Scotland

Physiological ecology of invertebrates

Meyer-Reil, L.-A., Dr

Institut für Meereskunde, Düsterbrook Weg 20, W-2300 Kiel, Germany

Environmental effects on benthic microorganisms, benthic microbial ecology

Meyers, S. P., Prof.

Dept of Food Science, Louisiana State Univ., Baton Rouge, LA 70803, USA

Physiological ecology of microorganisms

Morita, R. Y., Prof.

Dept of Microbiology, Oregon State Univ., Corvallis, OR 97331, USA

Marine microbiology

Paasche, E., Prof.

Dept of Biology, Univ. Oslo, Marine Botany, PO Box 1069, Blindern, N-0316 Oslo 3, Norway

Physiological ecology of phytoplankton; primary production; benthic algae

Rheinheimer, G., Prof.

Institut für Meereskunde, Univ. Kiel, Düsterbrook Weg 20, W-2300 Kiel, Germany

Marine microbiology

Riisgård, H. U., Dr

Odense Universitet, Biologisk Institut, Campusvej 55, DK-5230 Odense M., Denmark

Environmental effects on invertebrates; bioenergetics of suspension feeders

Sammacco, P. W., Dr

Louisiana Universities Marine Consortium, Chauvin, LA 70344, USA

Experimental ecology; chemical ecology

Southward, A. J., Dr

Plymouth Marine Laboratory, Citadel Hill, Plymouth PL1 2PB, England

Environmental effects on invertebrates

Vernberg, J., Prof.

Belle W. Baruch Institute for Marine Biol. and Coastal Res., Univ. of South Carolina, Columbia, SC 29208, USA

Physiological ecology of invertebrates

West, J. A., Prof.

Dept of Plant Biology, Univ. of California, 111 Genetics Plant Biology Bldg, Berkeley, CA 94720, USA

Physiological ecology and reproductive biology of estuarine and marine benthic macroalgae

Westernhagen, H. von, Dr

Biologische Anstalt Helgoland, Notkestr. 31, W-2000 Hamburg 52, Germany

Effects of pollution on marine communities

Winter, J. E., Dr

Instituto de Zoología, Univ. Austral de Chile, Casilla 567, Valdivia, Chile

Physiological ecology of invertebrates

PHYSIOLOGICAL MECHANISMS

Alderdice, D., Dr

Pacific Biological Station, Nanaimo, B.C., Canada V9R 5KR

Resistance to stress including pollution; regulation; adaptation

Batty, R. S., Dr

Dunstaffnage Marine Research Laboratory, PO Box 3, Oban, Argyll PA34 3AD, Scotland

Behavioral physiology of fish; feeding; predation of fish larvae

Brown, B. E., Dr

Dept of Biology, The University, Newcastle upon Tyne NE1 7RU, England

Physiology and ecology of corals

Burton, R. S., Prof.

Univ. of Houston, Dept of Biology, Houston, Texas 77204-5513, USA

Population genetics; evolutionary mechanisms in populations; biochemical and molecular genetic analyses of invertebrates

Caron, D. A., Dr

Biology Dept, Woods Hole Oceanographic Institution, Woods Hole, MA 02543, USA

Feeding, respiration and nutrient regeneration of protozoans

Chapman, A. R. O., Prof.

Institut für Meereskunde an der Universität Kiel, Düsterbrook Weg 20, W-2300 Kiel 1, Germany

Physiology and demography of macroalgae

Conover, R. J., Dr

Marine Ecology Laboratory, Bedford Institute of Oceanography, PO Box 1006, Dartmouth, N.S., Canada B2Y 4A2

Physiology and biochemistry of zooplankton

Costlow, J. D., Jr, Prof.

Duke University Marine Laboratory, Pivers Island, Beaufort, NC 28516, USA

Developmental physiology; endocrinology

Enright, J. T., Prof.

Scripps Institution of Oceanography, San Diego, PO Box 1529, La Jolla, CA 92093, USA

Biological rhythms

Forward, R. B., Jr, Dr

Duke University Marine Laboratory Pivers Island, Beaufort, NC 28516-9721, USA

Environmental zoo-physiology; behavior; biological rhythms

Fowler, S. W., Dr

IAEA, ILMR, Stade Louis II, Entrée C-19, Ave des Castellans, MC-98000 Monaco

Trace element metabolism

Gerking, S. D., Prof.

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Fish physiology

Holland, N. D., Prof.

Scripps Institution of Oceanography, San Diego, PO Box 1529, La Jolla, CA 92093, USA

Comparative, cellular and developmental physiology

Humphrey, G. F., Dr

CSIRO Marine Biochemistry, Building A12, Sydney Univ., N.S.W. 2006, Australia

Photosynthesis; plankton biochemistry

Levandowsky, M., Dr

Haskins Laboratories at Pace Univ., 41 Park Row, New York, NY 10038, USA

Chemosensory behavior; mathematical models

Marinescu, A.-G., Dr

Institute of Biological Sciences, 77748 Bucharest, Str. Splaiul-Independentei 296, Romania

Stress effects on invertebrates

McLusky, D. S., Dr

Dept of Biological Sciences, Univ. Stirling, Stirling FK9 4LA, Scotland

Osmoregulation in estuarine invertebrates

Naylor, E., Prof.

School of Ocean Sciences, Univ. of Wales, Menai Bridge, Gwynedd LL59 5EY, Wales, UK

Behavioural physiology; invertebrate biology

Puiseux-Dao, S., Prof.

Laboratoire de Cytophysiology végétale et de Toxicologie cellulaire, Université de Paris VII, 2, Place Jussieu, F-75251 Paris Cedex 05, France

Ecophysiology and toxicology of algae; cellular biology; behavior of algae

Rivkin, R. B., Prof.

Ocean Sciences Centre, University of Newfoundland, St. John's, Newfoundland, Canada A1C 5S7

Phytoplankton physiology and ecology

Shick, J. M., Prof.

Dept. of Zoology, Univ. of Maine, Murray Hall, Orono, Maine 04469-0146, USA

Physiological energetics of invertebrates, incl. metabolic calorimetry; symbioses; hyperoxia and oxidative stress; effects of UV light; sea anemone biology

Videler, J. J., Dr
Dept of Marine Biology, Univ. of Groningen,
PO Box 14, 9750 AA Haren, The Netherlands
Swimming dynamics of plankton; activity
pattern and reproductive strategies of fishes;
energy budgets of herbivores

West, J. A., Prof.
Dept of Plant Biology, Univ. of California, 111
Genetics Plant Biology Bldg, Berkeley, CA
94720, USA
Chemistry of red algae; molecular genetics of
red and green algae

Wieser, W., Prof.
Institut für Zoologie der Leopold-Franzens-
Universität Innsbruck, Technikerstraße 25,
A-6020 Innsbruck, Austria
Physiological ecology of invertebrates

Zhirumsky, A. V., Prof.
Institute of Marine Biology, Academy of
Sciences, Vladivostok 690032, Russia
Mechanisms of cellular resistance and con-
trol

CULTIVATION

Lawrence, J. M., Prof.
Dept of Biology, Univ. of South Florida, Tam-
pa, FL 33620, USA
Nutrition of invertebrates

Levandowsky, M., Dr
Haskins Laboratories at Pace Univ., 41 Park
Row, New York, NY 10038, USA
Microcosm cultures

Meyers, S. P., Prof.
Dept of Food Science, Louisiana State Univ.,
Baton Rouge, LA 70803, USA
Cultivation of microorganisms and crusta-
ceans; aquaculture; microenvironments

Pandian, T. J., Prof.
School of Biological Sciences, Madurai Ka-
maraj Univ., Madurai 625 021, Tamilnadu,
India
Cultivation of decapods and fishes; bioener-
getics

Rheinheimer, G., Prof.
Institut für Meereskunde, Univ. Kiel, Dü-
sternbrooker Weg 20, W-2300 Kiel, Germany
Cultivation of microorganisms

Winter, J. E., Dr
Instituto de Zoología, Univ. Austral de Chile,
Casilla 567, Valdivia, Chile
Cultivation of invertebrates

DYNAMICS

Arndt, E. A., Prof.
Wilhelm-Pieck-Universität Rostock, Sektion
Biologie, Freiligrathstr. 7/8, O-2500 Rostock,
Germany
Ecological dynamics of brackish waters

Azam, F., Prof.
Scripps Institution of Oceanography, Univ. of
California, La Jolla, CA 92093, USA
Viral and bacterial ecology; microbial bio-
geochemistry

Bak, R. P. M., Dr
Nederlands Instituut voor Onderzoek der
Zee, Postbox 59, 1790 AB Den Burg – Texel,
The Netherlands
Coral-reef ecology

Banse, K., Prof.
School of Oceanography, WB-10, Univ. of
Washington, Seattle, WA 98195, USA
Biological oceanography; plankton research

Berman, T., Prof.
Kinneret Limnological Laboratory, PO Box
345, Tiberias 14102, Israel
Phytoplankton ecology

Bianchi, A., Dr
C.N.R.S. ER 223, Microbiologie Marine,
Campus de Luminy – case 907, 70, route
Léon Lachamp, F-13288 Marseille Cedex 9,
France
Marine microbiology; ecological dynamics

Birkeland, C., Prof.
Univ. of Guam, Marine Laboratory, UOG Sta-
tion, Mangilao, Guam 96913
Coral-reef ecology; benthic ecology

Brattegard, T., Dr
Universitetet i Bergen, Institutt for fiskeri-og
marin-biologi, Thormohlens gt. 55, N-5008
Bergen, Norway
Distribution and ecology of malacostracan
crustacean (esp. suprabenthic/hyperbenthic
species)

Bunt, J. S., Dr
4/6 McDonald Street, Potts Point, NSW 2011,
Australia
Mangrove systems; reef studies

Caron, D. A., Dr
Biology Dept, Woods Hole Oceanographic
Institution, Woods Hole, MA 02543, USA
Microbial ecology; trophic relations between
planktonic protozoans and other heterotro-
phic and photosynthetic organisms; pelagic
detrital aggregates

Chapman, A. R. O., Prof.
Institut für Meereskunde an der Universität
Kiel, Düsternbrooker Weg 20, W-2300 Kiel 1,
Germany
Community ecology of rocky shores

Collos, Y., Dr
Laboratoire d'Hydrobiologie, Université de
Montpellier CC 093, F-34095 Montpellier
Cedex 5, France
Nitrogen cycling and primary production

Conover, R. J., Dr
Marine Ecology Laboratory, Bedford Institute
of Oceanography, PO Box 1006, Dartmouth,
N.S., Canada B2Y 4A2
Zooplankton biology

Cushing, D. H., Dr
Ministry of Agriculture, Fisheries and Food,
Fisheries Laboratory, Lowestoft, Suffolk
NR33 OHT, England
Productivity of the sea; fish-population dy-
namics; biological oceanography

Elliott, M., Dr
Dept of Applied Biology, Institute of Estu-
arine and Coastal Studies, The University,
Hull HU6 7RX, UK
Structure and function of fish and benthic
communities

Fenchel, T., Prof.
Marine Biological Laboratory (University of
Copenhagen), DK-3000 Helsingør, Denmark
Population biology; microbial ecology

Field, J. G., Prof.
University of Cape Town, Zool. Dept, Ronde-
bosch 7700, Republic of South Africa
Dynamics of nearshore ecosystems

Foster, M. S., Prof.
Moss Landing Marine Laboratories, Cali-
fornia State Univ., PO Box 450, Moss Land-
ing, CA 95039-040, USA
Population and community ecology of macro-
algae

Fowler, S. W., Dr
IAEA, ILMR, Stade Louis II, Entrée C-19, Ave
des Castellans, MC-98000 Monaco
Particle flux; biogeochemistry

Fuhrman, J., Prof.
Marine Biology Res. Section, Dept of Biologi-
cal Sciences, Univ. of Southern California,
Los Angeles, CA 90089-0371, USA
Planktonic microbial ecology. Productivity
and growth of microorganisms, especially
bacteria

Furness, R. W., Dr
Department of Zoology, The University of
Glasgow, Glasgow G12 8QQ, Scotland
Ecology of sea birds

Furuya, K., Dr
Faculty of Bioresources, Mie University, 1515
Kamihama, Tsu 514, Japan
Phytoplankton ecology; community struc-
ture, dynamics

Gage, J. D., Dr
Dunstaffnage Marine Research Laboratory,
PO Box 3, Oban, Argyll PA34 4AD, Scotland
Benthos of deep sea and temperate coasts

Gray, J., Prof.
Institutt for Marinbiologi og Limnologi, Univ.
Oslo, Postboks 1064, Blindern, Oslo 3, Nor-
way
Soft-sediment ecology

Haedrich, R. L., Prof.
Memorial University of Newfoundland, St.
John's, Nfld., Canada A1B 3X9
Zooecography; natural history of fish

Harding, G. C., Dr
Marine Ecology Laboratory, Bedford Institute
of Oceanography, PO Box 1006, Dartmouth,
N.S., Canada B2Y 4A2
Crustacean ecology (incl. deep sea)

Heck, K. L., Jr, Dr
Marine Environmental Sciences Consortium,
Dauphin Island Sea Lab., PO Box 369-370,
Dauphin Island, AL 36528, USA
Benthic ecology, emphasis on seagrass eco-
systems

Holm-Hansen, O., Dr
Scripps Inst. of Oceanography, Univ. of Cali-
fornia, La Jolla, CA 92093, USA
Polar ecology; chemical oceanography; pho-
tosynthesis

Hudon, C., Dr
Halifax Research Laboratory, C.P. 550, Hali-
fax, Nova Scotia, Canada B3J 2S7
Crustacean ecology and biology

Hughes, R. N., Dr
School of Animal Biology, Univ. College
North Wales, Bangor, Gwynedd LL57 2UW,
Wales, UK
Ecological energetics (particularly feeding)

Karlson, R. H., Prof.
School of Life and Health Sciences Ecology
Program, Univ. of Delaware, Newark, Dela-
ware 19716, USA
Population and community ecology of ben-
thic invertebrates

Kjørboe, T., Dr
Danish Institute for Fisheries and Marine
Res., Charlottenlund Castle, DK-2910 Char-
lottenlund, Denmark
Biological oceanography; physical and biolo-
gical processes in the pelagic with emphasis
on copepods and fish larvae

Klumpp, D., Dr
Australian Institute of Marine Science, PMB
No. 3, Townsville M. C., Q. 4810, Australia
Trophodynamics; animal nutrition, energy
and nutrient budgets; nutrient cycling; pri-
mary productivity; fish biology; seagrass,
coral reef, kelp bed ecosystems

Kühlmann, D., Dr
Museum für Naturkunde der Humboldt-
Univ., Invalidenstr. 43, O-104 Berlin, Ger-
many
Coral-reef ecology; coral evolution

Landry, M. R., Dr
Dept of Oceanography, Univ. of Hawaii, Ma-
noa, 1000 Pope Rd, Honolulu, HI 96822, USA
Food web interactions; zooplankton ecology

Lawrence, J. M., Prof.
Dept of Biology, Univ. of South Florida, Tam-
pa, FL 33620, USA
Reproduction of invertebrates; nutrition

Levandowsky, M., Dr
Haskins Laboratories at Pace Univ., 41 Park
Row, New York, NY 10038, USA
Ecological modelling; phytoplankton ecology

Levings, C., Dr
West Vancouver Laboratory, 4160 Marine
Drive, West Vancouver, B.C., Canada V7V
1N6
Estuarine ecology of macrobenthos and fish

Lewis, J. B., Dr
Dept of Biology, McGill Univ., Stewart Biolo-
gy Bldg, 1205 Dr. Penfield, Montreal, Que-
bec, Canada H3A 1B1
Coral-reef ecology; tropical marine biology

Lewis, M. R., Dr
Dept of Oceanography, Dalhousie University,
Halifax, N.S., Canada B3H 4J1
Biological oceanography; phytoplankton
physiology; modelling of physical and biologi-
cal processes

Luoma, S. N., Dr
US Dept of the Interior, Geological Survey,
Water Resources Div., 345 Middlefield Rd,
Menlo Park, CA 94025, USA
Feeding ecology of deposit feeders; geoche-
mistry of trace elements in sediments

Marcus, N. H., Dr
Dept of Oceanography, Florida State Univ.,
B-169, Tallahassee, FL 32306-3048, USA
Zooplankton ecology; biology and genetics
of invertebrate populations; rhythms (e.g.
spawning, feeding)

Mauchline, J., Dr
Scottish Marine Biological Ass., Dunstaff-
nage Marine Res. Lab., POB 3, Oban, Argyll
PA34 4AD, Scotland
Deep-sea ecology; radioactive pollution

Nelson, D. M., Prof.
College of Oceanography, Oregon State
Univ., Oceanography Admin. Bldg. 104, Cor-
vallis, OR 97331, USA
Phytoplankton ecology; nutrient cycling

Neushul, M., Prof.
Dept of Biological Sciences, Univ. of Califor-
nia, Santa Barbara, CA 93106, USA
Ecology of benthos algae; marine macro-
phytes

Newell, S. Y., Dr
The University of Georgia, Marine Institute,
Sapelo Island, GA 31327, USA
Ecology of fungi and bacteria; decomposition

Nybakken, J., Prof.
Moss Landing Marine Laboratories, Califor-
nia State Univ., PO Box 450, Moss Landing,
CA 95039-0450, USA
Ecology of molluscs; community structure of
soft-sediment invertebrates

Pearse, J. S., Prof.
Center for Coastal Marine Studies, Univ. of
California, Santa Cruz, CA 95064, USA
Kelp forest ecology; reproductive ecology

Peterson, C. H., Prof.
Institute of Marine Science, Univ. of N. Caro-
lina at Chapel Hill, 3407 Arendell Street,
Morehead City, NC 28557, USA
Marine benthic ecology; population biology

Pichon, M., Prof.
Australian Institute of Marine Science, PMB
No. 3, Townsville M.C., Q. 4810, Australia
Coral-reef ecology; shallow-water tropical
communities

Platt, T., Dr
Marine Ecology Laboratory, Bedford Institute
of Oceanography, PO Box 1006, Dartmouth,
N.S., Canada B2Y 4A2
Phytoplankton ecology; primary production

Purcell, J. E., Dr
The University of Maryland Systems, Center
for Environmental and Estuarine Studies, PO
Box 775, Cambridge, MD 21613, USA
Zooplankton ecology and behavior; trophic
dynamics; prey selection. Competition for
space among benthic invertebrates

Rassoulzadegan, F., Dr
Station Zoologique, B.P. 28, F-06230 Ville-
franche-sur-Mer, France
Microbial ecology (food webs, microbial
loop); pico- and nanoplankton; planktonic
flagellates and ciliates; micro- and mesozoo-
plankton; carbon flux

Reise, K., Prof.
Biologische Anstalt Helgoland, W-2282 List/
Sylt, Germany
Benthos ecology

Rivkin, R. B., Prof.
Ocean Sciences Centre, University of New-
foundland, St. John's, Newfoundland, Cana-
da A1C 5S7
Microbial ecology; polar planktonic process;
lower food web dynamics

Sammarco, P. W., Dr
Louisiana Universities Marine Consortium,
Chauvin, LA 70344, USA
Coral-reef ecology; benthic community
ecology; ecology of fishes, echinoderms,
coelenterates

Savidge, G., Dr
The Queen's Univ. of Belfast, Marine Biology
Station, The Strand, Portaferry, Co. Down,
Northern Ireland
Phytoplankton ecology; primary production;
photosynthesis

Schellema, R. S., Dr
Woods Hole Oceanographic Institution,
Woods Hole, MA 02543, USA
Invertebrate larval ecology

Schneider, D. C., Dr
Newfoundland Institute for Cold Ocean
Science, Memorial University of Newfound-
land, St. John's, Newfoundland, Canada A1B
3X7
Dynamics of large organisms; ecology of sea
birds

Sherr, B. & E., Drs
College of Oceanography, Oregon State
Univ., Oceanogr. Admin Bldg 104, Corvallis,
Oregon 97331, USA
Microbial food webs; trophic roles of phago-
trophic protozoans

Skjoldal, H. R., Dr
Institute of Marine Research, Postboks 1870,
N-5024 Bergen-Nordnes, Norway
Food webs and trophic interactions

Southward, A. J., Dr
Plymouth Marine Laboratory, Citadel Hill,
Plymouth PL1 2PB, England
Rocky-coast ecosystems; deep-sea ecosys-
tems

Stoecker, D. K., Dr
Horn Point Environmental Laboratories, PO
Box 775, Cambridge, MD 21613, USA
Microzooplankton, particularly ciliates; se-
condary production

Tenore, K. R., Prof.
Chesapeake Biological Laboratory, PO Box
38, Solomons, MD 20688-0038, USA
Benthic ecology and bioenergetics; produc-
tion; food chains of detritus-based systems

Thayer, G. W., Dr
Ecosystem Structure Branch, Southeast Fish-
eries Center, Beaufort, NC 28516-9722, USA
Wetlands ecology, incl. submerged sea-
grasses and emergent marshes; production
and utilization of detritus

Underwood, A. J., Dr
School of Biol. Sci., Univ. Sydney, Zoology
Building, Sydney, N.S.W. 2006, Australia
Experimental intertidal and subtidal ecology;
behavior; life cycles of sessile invertebrates

Vinogradov, M. E., Prof.
P. P. Shirshov Institute of Oceanology, Aca-
demy of Sciences of USSR, 1, Letnaya (Ljublino),
Moscow 109387, Russia
Oceanic plankton ecosystems; deep-sea am-
phipods; biological oceanography

Wangersky, P. J., Prof.
Dept of Oceanography, Dalhousie Univ., Ha-
lifax, N.S., Canada B3H 4J1
Organic matter in sea water; theoretical pop-
ulation dynamics; geochemistry; chemical
oceanography

Warwick, R. M., Dr
Plymouth Marine Laboratory, Prospect Place,
West Hoe, Plymouth PL1 3DH, England
Structure and functioning of benthic commu-
nities; meiofaunal ecology; energy flow

West, J. A., Prof.
Dept of Plant Biology, Univ. of California, 111
Genetics Plant Biology Bldg, Berkeley, CA
94720, USA
Reproductive dynamics of red algae; fine
structure and parasites of algae

Williams, R., Dr
Plymouth Marine Laboratory, Prospect Place,
West Hoe, Plymouth PL1 3DH, England
Plankton ecology; community structure, pop-
ulation dynamics

OCEAN MANAGEMENT

Alderdice, D., Dr
Pacific Biological Station, Nanaimo, B.C.,
Canada V9R 5KR
Pollution of marine environments

Bernhard, M., Dr
ENEA, PO Box 316, I-19100 La Spezia, Italy
Radioactive and conventional pollution

Brown, B. E., Dr
Dept of Biology, The University, Newcastle
upon Tyne NE1 7RU, England
Effects of man-made and natural disturb-
ances on coral reefs

Bryan, G. W., Dr
Plymouth Marine Laboratory, Citadel Hill,
Plymouth PL1 2PB, England
Heavy metal pollution; estuarine chemistry

Eisler, R., Dr
U.S. Dept of the Interior, Fish and Wildlife
Service, Laurel, MD 20708, USA
Toxicology and pollution

Elliott, M., Dr
Dept of Applied Biology, Institute of Estu-
arine and Coastal Studies, The University,
Hull HU6 7RX, UK
Marine pollution assessment and control

Fisher, N. S., Dr
Marine Sciences Research Center, State
Univ. of New York, Stony Brook, NY 11794-
5000, USA
Pollutant effects on plankton; radioecology

Fowler, S. W., Dr
IAEA, ILMR, Stade Louis II, Entrée C-19, Ave
des Castellans, MC-98000 Monaco
Pollution effects on zooplankton; radioecol-
ogy

Gray, J., Prof.
Institutt for Marinbiologi og Limnologi, Univ.
Oslo, Postboks 1064, Blindern, Oslo 3, Nor-
way
Pollution effects on benthos animals

Luoma, S. N., Dr
US Dept of the Interior, Geological Survey,
Water Resources Div., 345 Middlefield Rd,
Menlo Park, CA 94025, USA
Bioaccumulation of trace contaminants (prin-
cipally trace elements and radionuclide
waste products)

Marinescu, A.-G., Dr
Institute of Biological Sciences, 77748 Bucha-
rest, Str. Splaiul-Independentei 296, Romania
Toxicology and stress responses in inverte-
brates

Mauchline, J., Dr
Scottish Marine Biological Ass., Dunstaff-
nage Marine Res. Lab., PO Box 3, Oban,
Argyll PA34 4AD, Scotland
Radioactive pollution

McLusky, D. S., Dr
Dept of Biological Sciences, Univ. Stirling,
Stirling FK9 4LA, Scotland
Biological effects of pollutants (petro-, chemi-
cal, organic enrichment)

Peterson, C. H., Prof.
Institute of Marine Science, Univ. of N. Caro-
lina at Chapel Hill, 3407 Arendell Street,
Morehead City, NC 28557, USA
Fisheries management and ecology

Polikarpov, G. G., Prof.
Institute of Biology of South Seas, Academy
of Sciences Uk. SSR, 2, Nahimov St., Sevasto-
pol 335000, Ukraine
Chemical ecology, radioecology, radio-
tracers, pollution; protection of sea life

Sherman, K., Dr
US Dept of Commerce, NOAA, Northeast
Fisheries Center, 28 Tarzwell Dr., Narragan-
sett, RI 02882, USA
Fisheries ecology; fishery resources; zoo-
plankton

Westernhagen, H. von, Dr
Biologische Anstalt Helgoland, Notkestr. 31,
W-2000 Hamburg 52, Germany
Fish egg and larval survival

CONTENTS

Volume 85 · Numbers 1 and 2 · 1992

RESEARCH ARTICLES

Mouritsen, K. N., Jensen, K. T.

Choice of microhabitat in tactile foraging dunlins
Calidris alpina: the importance of sediment pene-
trability

1-8

Bianchi, G.

Study of the demersal assemblages of the conti-
nental shelf and upper slope off Congo and Ga-
bon, based on the trawl surveys of the RV 'Dr
Fridtjof Nansen'

9-23

Bianchi, G., Høisæter, T.

Relative merits of using numbers and biomass in
fish community studies

25-33

Sogard, S. M.

Variability in growth rates of juvenile fishes in
different estuarine habitats

35-53

Eggleston, D. B., Lipcius, R. N., Hines, A. H.

Density-dependent predation by blue crabs upon
infaunal clam species with contrasting distribution
and abundance patterns

55-68

Wolff, M., Soto, M.

Population dynamics of *Cancer polyodon* in La
Herradura Bay, northern Chile

69-81

Juinio, M. A. R., Cobb, J. S.

Natural diet and feeding habits of the postlarval
lobster *Homarus americanus*

83-91

Włodarczyk, E., Durbin, A. G., Durbin, E. G.

Effect of temperature on lower feeding thresholds,
gut evacuation rate, and diel feeding behavior in
the copepod *Acartia hudsonica*

93-106

Keesing, J. K., Halford, A. R.

Field measurement of survival rates of juvenile
Acanthaster planci: techniques and preliminary
results

107-114

Hily, C., Potin, P., Flocc'h, J.-Y.

Structure of subtidal algal assemblages on soft-
bottom sediments: fauna/flora interactions and
role of disturbances in the Bay of Brest, France

115-130

Muschenheim, D. K., Newell, C. R.

Utilization of seston flux over a mussel bed

131-136

Kemp, W. M., Sampou, P. A., Garber, J., Tuttle, J., Boynton, W. R.

Seasonal depletion of oxygen from bottom waters
of Chesapeake Bay: roles of benthic and plank-
tonic respiration and physical exchange pro-
cesses

137-152

Gowen, R. J., Tett, P., Jones, K. J.

Predicting marine eutrophication: the yield of
chlorophyll from nitrogen in Scottish coastal wa-
ters

153-161

Descolas-Gros, C., Oriol, L.

Variations in carboxylase activity in marine phyto-
plankton cultures. β -carboxylation in carbon flux
studies

163-169

Kyewalyanga, M., Platt, T., Sathyendrath, S.

Ocean primary production calculated by spectral
and broad-band models

171-185

Dolan, J. R., Gallegos, C. C.

Trophic role of planktonic rotifers in the Rhode
River Estuary, spring-summer 1991

187-199

NOTE

Bratbak, G., Haslund, O. H., Heldal, M., Næss, A., Røeggen, T.

Giant marine viruses?

201-202

Volume 85 · Number 3 · 1992

RESEARCH ARTICLES

Fortier, L., Levasseur, M. E., Drolet, R., Therriault, J.-C.

Export production and the distribution of fish lar-
vae and their prey in a coastal jet frontal region

203-218

Mgaya, Y. D.

Density and production of *Clinocottus globiceps*
and *Oligocottus maculosus* (Cottidae) in tidepools
at Helby Island, British Columbia

219-225

Kennelly, S. J.

Distributions, abundances and current status of
exploited populations of spanner crabs *Ranina*
ranina off the east coast of Australia

227-235

Wolfrath, B.

Burrowing of the fiddler crab *Uca tangeri* in the
Ria Formosa in Portugal and its influence on sedi-
ment structure

237-243

Lapointe, V., Sainte-Marie, B.

Currents, predators, and the aggregation of the
gastropod *Buccinum undatum* around bait

245-257

Fevolden, S. E.

Allozymic variability in the Iceland scallop
Chlamys islandica: geographic variation and lack
of growth-heterozygosity correlations

259-268

Starczak, V. R., Fuller, C. M., Butman, C. A.

Effects of barite on aspects of the ecology of the
polychaete *Mediomastus ambiseta*

269-282

Agustí, S., Cruzado, A.

Relationship between light absorption by pelagic
particles and microplankton metabolic activity in
the Gulf of Lions

283-287

Martin-Jézéquel, V., Videau, C.

Phytoplankton and bacteria over the transient
area of the continental slope of the Celtic Sea in
spring. I. Vertical distribution and productivity

289-301

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